

Work Order ID 115270

March-21-14 1:31:42 PM

115270

Page 1

Item ID: D412-702-025

Revision ID:

Item Name: Shoulder Harness 4 Point Attachment 4 Man Aft

Start Date: 3/21/14 Start Qty: 1.00 *1*

Required Date: 3/26/14 Req'd Qty: 1.00 *1*

Reference:

Approvals: Process Plan:  Date: _____

QC: _____ Date: _____

Accept

N900040100Setup Start ***NS1***Stop ***NS2***

Cust Item ID:

Customer:

Tooling: _____ Date: _____

SPC (Y/N): _____ Date: _____

Run Start ***NR1***Stop ***NR2***Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

Draw Nbr

Revision Nbr

N/A

Rev E

100

100

DC

Doc.Control -USB or Paperwork

Document Control

DOCUMENT CONTROL

Memo 

Photocopy bluefile and create labels per PPP D412-702-025 CHG002

0.00

DAS
06
9-89

APR 10 2014

MCS 14-03-28

110

110

Packaging

Packaging

Pick Kit

Memo

0.00

0.00

DAS
28
9-89

IX 14-03-27

DAS
31
9-89

120

120

QC

Quality Control

QC4- 100% Inspect kits for completeness

Memo

0.00

0.00

DAS
06
9-89

APR 10 2014

(K)

Work Order ID 115270

March-21-14 1:31:42 PM

115270

Page 2

Item ID: D412-702-025

Revision ID:

Item Name: Shoulder Harness 4 Point Attachment 4 Man Aft

Start Date: 3/21/14 Start Qty: 1.00 *1*

Required Date: 3/26/14 Req'd Qty: 1.00 *1*

Reference:

Accept

N900040100Setup Start ***NS1***Stop ***NS2***

Cust Item ID:

Customer:

Approvals: Process Plan: _____ Date: _____

QC: _____ Date: _____

Tooling: _____ Date: _____

SPC (Y/N): _____ Date: _____

Run Start ***NR1***Stop ***NR2***Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

130

130

Packaging

Packaging

Packaging

Memo

Identify and pack for shipping as per PPP D412-702-025
Location: 043

0.00

0.00

140

140

QC

Quality Control

QC21- Final Inspection - Work Order Release

Memo

0.00

0.00

D

APR 01 2014

DAS
06
9-88

MLJ 14-04-01

H

14-04-01

Picklist Print

March-21-14 1:31:42 PM

Page 1

Work Order ID: 115270

115270

Parent Item: D412-702-025

D412-702-025

Parent Item Name: Shoulder Harness 4 Point Attachment 4 Man Aft

Start Date: 3/21/14

Required Date: 3/26/14

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:A05.09.01New issueKJ/JLM
IPP Rev:B As per Dsi9351 07-03-14 JLM
IPP Rev:C 07-07-28 As per Rev E JLM Verified By:ec IPP Rev.
D 11.05.31 dsi 9559 EC verified by:DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

AN4-20A		Purchased	No			120	Each	743.0000	8				
AN4-20A												DAS 28 9-89	14-03-27

Location	Loc Qty	Loc Code
----------	---------	----------

ST357	182	
124215	12	
m126193	170	
ST358	61	
116419	61	
ST516	500	
m127290	250	
m128429	250	

AN4-5A		Purchased	No			120	Each	406.0000	4				
AN4-5A												DAS 28 9-89	

Location	Loc Qty	Loc Code
----------	---------	----------

ST355	406	
120562	306	
m127817	100	

DAS
06
9-89

DAS
31
9-89

Picklist Print

March-21-14 1:31:42 PM

Page 2

Work Order ID: 115270

115270

Parent Item: D412-702-025

D412-702-025

Parent Item Name: Shoulder Harness 4 Point Attachment 4 Man Aft

Start Date: 3/21/14

Required Date: 3/26/14

Start Qty: 1.00

Required Qty: 1.00

D3198-1
D3198-1
Fitting

Manufactured No

120 Each

17.0000

4

**

DAS
28
9-89

14-03-27

DAS
06
9-89

Location
ST246A

Loc Qty

Loc Code

101615
102445
107260

17
4
1
12

4X

DAS
31
9-89

D3551-11
D3551-11
Hook And Loop Tie

Manufactured No

120 Each

14.0000

4

**

DAS
28
9-89

DAS
31
9-89

DAS
06
9-89

Location
ST246A

Loc Qty

Loc Code

108736

14
14

4X

D4387-043
D4387-043
Harness Assembly

Manufactured No

Each

8.0000

**

DAS
28
9-89

DAS
31
9-89

Location
ST265

Loc Qty

Loc Code

105329
107243

8
6
2

2X
2X

March-21-14 1:31:42 PM

Shop Packet Print

Page 2

Picklist Print

March-21-14 1:31:42 PM

Page 3

Work Order ID: 115270

115270

Parent Item: D412-702-025

D412-702-025

Parent Item Name: Shoulder Harness 4 Point Attachment 4 Man Aft

Start Date: 3/21/14

Required Date: 3/26/14

Start Qty: 1.00

Required Qty: 1.00

MS21042L4 Purchased No

120 Each 4,850.000 12

MS21042L4

Locknut

14-03-27

DAS
28
9-89

DAS
06
9-89

Location

Loc Qty

Loc Code

ST314

44

m126015

12

m126275

32

ST509

4795

m127255

63

m127813

1732

m128300

3000

ST518

11

m127376

11

120 Each 3,429.000 20

NAS1149D0463J

Purchased No

NAS1149D0463J

WASHER

DAS
28
9-89

Location

Loc Qty

Loc Code

ST294

290

M127693

290

ST510a

3139

M127813

139

M127904

3000

DAS
06
9-89

128591

DAS
31
9-89

March-21-14 1:31:42 PM

Shop Packet Print

Page 3

APR 01 2014

APR 10 2014

QTY -021	QTY -023	QTY -025	QTY -027	QTY -029	QTY -035	Part Number	Description
X						D412-702-021	Dart 13-Man Shoulder Harness Kit, 4-point
	X					D412-702-023	Dart 5-Man Forward Facing Shoulder Harness Kit, 4-point
		X				D412-702-025	Dart 4-Man Aft Facing Shoulder Harness Kit, 4-point
			X			D412-702-027	Dart 4-Man Side Facing Shoulder Harness Kit, 4-point
				X		D412-702-029	Dart 1-Man Forward Facing Shoulder Harness Kit, 4-point
					X	D214-702-035	Dart 5-Man Aft Facing Shoulder Harness Kit, 4-point, for Bell 214B/B-1
1	1		1	1		D412-702-069	GROMMET KIT
2	2					D3195-041	BRACKET
2	2					D3195-043	BRACKET
1	1			1		D3196-1	BAR
1			1			D3196-3	BAR
1			1			D3196-4	BAR
2	2					D3197-041	BAR
4		4				D3198-1	FITTING
2	2					D3268-1	PLACARD
9	5		4	1		D3446-041	HARNESS ASSEMBLY, 4 POINT
4		4				D3446-043	HARNESS ASSEMBLY, 4 POINT
					5	D3446-045	HARNESS ASSEMBLY, 4 POINT
13	5	4	4	1	5	D3551-11	HOOK AND LOOP TIE
2	2					D3546-1	CLIP
4		4				AN4-5A	BOLT
4	4					AN4-13A	BOLT
8		8				AN4-20A	BOLT
20		20				AN960JD416	WASHER (OR NAS1149D0463J)
12		12				MS21042L4	NUT (OR MS21042-4)
8	2		6	2		MS24694-S152	SCREW
8	2		6	2		MS24694-S154	SCREW

QTY -069	Part Number	Description
X	D412-702-069	GROMMET KIT
24	D3619-2	GROMMET
1	D3619-2T1	HOLE PUNCH
1	D3619-2T2	STRIKER BLOCK
1	D3619-2T3	PUNCH
1	D3619-2T4	DIE

APR 10 2014

REFERENCE ONLY

DAS
DAS
06
9-99**DART SERVICE INSTRUCTION**

TO AMEND IIN-D412-702-1 REV. A,
AND ICA-D412-702 REV. 4 OR EARLIER APPROVED REVISIONS
REF. TCCA STC: SH04-7
REF. FAA STC: SR01997NY
REF. EASA STC: EASA.IM.R.S.00710

PURPOSE

The purpose of this DSI is to outline the replacement of existing D3446-041/-043 Shoulder Harnesses with the new and improved D4387-041/-043 Shoulder Harnesses.

CHANGE

For the following Kits, the D4387-041 and D4387-043 Shoulder Harnesses respectively replace the D3446-041 and D3446-043 Shoulder Harnesses as follows:

Old Harness P/N	Used On	New Harness P/N	Effectivity
D3446-041	D412-702-021	D4387-041	CHG 003 and subsequent
	D412-702-023		CHG 002 and subsequent
	D412-702-027		CHG 002 and subsequent
	D412-702-029		CHG 002 and subsequent
D3446-043	D412-702-021	D4387-043	CHG 003 and subsequent
	D412-702-025		CHG 002 and subsequent






Customers who want to upgrade their shoulder harnesses may replace their existing D3446-041/-043 with D4387-041/-043 per this service instruction.

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: 
D. SHEPHERD (DE # 02)

DATE: 11.05.09
CERT. NO.: SH04-7
ISSUE NO.: 3

A	NEW ISSUE	MB	11.05.09
REV.		BY	DATE
DESIGN		DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN			
CHECKED		DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9559	SHEET 1 OF 1
APPROVED		TITLE	SCALE
DE APPR.		HARNES CHANGE	NTS
DATE	11.05.09	COPYRIGHT © 2011 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	